

CLAIMS

1. Nebuliser ampoule (2), in particular for aerosol therapy, of the type comprises:

at least a mouthpiece (3) for dispensing a nebulised medical product;

at least an element (4) for distributing the medical product;

5 at least an element (5) for activating the nebulisation,
characterised in that the activator element (5) is physically separate from the element (4) for distributing the medical product.

2. Nebuliser ampoule as claimed in claim 1, characterised in that the distributor element (4) comprises:

10 at least a nozzle (6) for injecting a flow of air, called primary flow, inside the ampoule (2), said flow being necessary for generating the nebulisation;

at least a coating body (7) inserted on the nozzle (6) and provided with at least a channel for conveying the medical product from a tank (8) of the ampoule (2) to a nebulisation area.

15 3. Nebuliser ampoule as claimed in claim 2, characterised in that the activator element (5) has a portion (5a) having substantially circular section and is superposed to the nozzle (6) at a pre-set distance from an outlet (6a) thereof.

20 4. Nebuliser ampoule as claimed in claim 1, characterised in that it comprises means for selecting particles of the nebulisation having predetermined dimensions.

5. Nebuliser ampoule as claimed in claim 1, characterised in that it comprises a supplementary, or secondary, channel (9), for introducing a flow of air, called secondary flow, into the ampoule (2) to increase and refine the

nebulisation of the medical product.

6. Nebuliser ampoule as claimed in claim 5, characterised in that the secondary channel (9) is coaxial to the distributor element (4).

7. Nebuliser ampoule as claimed in claim 5, characterised in that the
5 activator element (5) is made of a single piece with the secondary channel (9).

8. Nebuliser ampoule as claimed in claim 5, characterised in that the secondary channel (9) is provided with lateral walls (9a) which extend below an outlet (6a) of the distributor element (4) or in any case below a plane of generation of the nebulisation.

10 9. Nebuliser ampoule as claimed in claim 8, characterised in that the coating body (7) has portions (7a) defining extensions of the lateral walls (9a) of the secondary conduit (9).

10. Nebuliser ampoule as claimed in claim 8, characterised in that said lateral walls (9a) define means for selecting particles of the nebulisation
15 having predetermined dimensions.

11. Nebuliser apparatus, in particular for aerosol therapy, characterised in that it comprises a nebuliser ampoule (2) as claimed in the previous claims.